

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: February 5, 2016

TO: Raymond Flores, ESAT Alternate PO, Region 6 EPA

FROM: Linda Hoffman, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT

SUBJECT: Resubmission Review, Case/SDG 45671/F6R05

Contract No.: EP-W-13-026
TO No.: 002
Task/Sub-Task: 2-11
ESAT Doc. No.: 1602-211-0058
TDF No.: 6-16-116A/6-16-024A
ESAT File No.: O-1318

ESAT reviewed laboratory resubmissions and prepared a resubmission report that is attached for your approval. The specifics for the resubmission review are detailed below for your information.

Site Name: Wilcox Oil
Samples/Fraction: 17 LMVOA/13 SVOA/13 SVOA-SIM
Laboratory: EQI
Time Charged: 3.0 hours

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

RESUBMITTED DATA REVIEW REPORT

DATE:	<u>February 5, 2016</u>	CASE#:	<u>45671</u>
		SDG#:	<u>F6R05</u>
TO:	<u>K. Coltrain</u>	LAB:	<u>EQI</u>
	<u>6SF-RL</u>	SITE:	<u>Wilcox Oil</u>
FROM:	<u>L. Hoffman</u>	REF:	<u>TDF # 6-16-116A/6-16-024A</u>
	<u>ESAT</u>		<u>ESAT File # O-1318</u>
	<u>Page 1 of 1</u>		<u>ESAT Doc. No. 1602-211-0058</u>

EFFECTS OF RESUBMITTED INFORMATION ON THE ORIGINAL DATA:

Hardcopy laboratory response to CCS Screening (received by ESAT on 01/28/16):

The laboratory responded to the CCS Screening and resubmitted some Forms and raw data pages. The resubmitted pages should be used to replace the corresponding pages in the data package.

Electronic laboratory response to Regional request (received by ESAT on 02/01/16):

This resubmission was incomplete. The resubmitted pages do not affect the original data review assessment and should be used to replace the corresponding pages in the data package. The laboratory was contacted to address the missing items and for further explanation of the manual integration documentation process.

In Reference To: (O-1318) Case No: 45671 SDG(s): F6R05

**Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM**

Second Resubmission Request

Laboratory Name:	EQI
Lab Contact:	Robert Zhu
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Linda Hoffman - ESAT

In reference to data for the fraction(s):

CSF ISSUE LMVOA SVOA/SVOA-SIM

Summary of Questions/Issues:

CSF ISSUE

From the explanation in the email dated January 30, 2016, it is unclear where the initials and date of the manual integrations can be found in the hardcopy data package. Neither the resubmitted Manual Integration Reports nor the ones in the original data package have the analyst initial and date/time on the bottom left side of the report. Therefore, it is not known if the requirement was met, since the electronic information is not available.

LMVOA

1. The "Level" should be "MED" for Form 6A (pages 830, 831, 851, 852, 880, 881, 911, and 912), Form 7A (pages 993, 994, 1000, 1001, 1007, 1008, 1015, 1016, 1023, and 1024), and Form 8A (pages 65-68). Please correct and resubmit these pages with proper pagination.

SVOA/SVOA-SIM

1. **SVOA-SIM** For Form 8A (pages 1913-1916), the IS3 should be phenanthrene-d10 and results for IS6 (1,4-Dichlorobenzene-d4) were omitted for all samples. Please correct and resubmit these pages with proper pagination.
2. **SVOA and SVOA-SIM** The recoveries for 1,4-Dioxane-d8 (DMC1) were outside the QC limits for SVOA method blank SBLK19 and SVOA-SIM method blanks SBLK02 and SBLK38 and for bis(2-chloroethyl)ether-d8 (DMC4) for SVOA-SIM method blank SBLK02, but contract required reanalyses and/or re-extractions (SOM02.3, p. D-54/SVOA, sec. 12.1.2.5.2 and D-55/SVOA, sec. 12.1.2.6.3) were not performed. Please submit additional information or explain.

Resubmission Request

Continuation Page: 2

Laboratory/Contact: EQI/Robert Zhu

In Reference to Case No.: 45671 SDG: F6R05

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 except for replacement pages (SOM02.3, p. B-11, sec. 2.2.2). Custody seals are required only for regular mail shipments.

Please respond to the above items **within 5 business days** (SOM02.3, p. B-11, sec. 2.2.1) by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

**Problems with EDM Data Validation Report
SOM02.3**

January 13, 2016

Laboratory EQI

Case/SDG/Fraction	Detected Problems
45671/F6R05/LMVOA	The Data Validation Report for HoldingTimes Preservation states samples F6R19, F6R20, F6R21, and F6R23 were analyzed outside the technical holding time criteria. However, these analyses did not exceed the technical holding time criteria in the hardcopy package.
45671/F6R05/SVOA	<ul style="list-style-type: none">• On the Data Validation Report for HoldingTimes Preservation, the holding time issue for the samples re-extracted at the medium level was not addressed.• On the Data Validation Report for DMC Surrogate, the low recoveries for 1,4-dioxane-d8 for samples F6R07, F6R14, F6R15, and F6R17 were not addressed.• The Data Validation Report for DMC Surrogate stated percent recoveries were outlying for samples that were diluted.
45671/F6R05/SVOA-SIM	<ul style="list-style-type: none">• On the EXES Lab Result Superset and Superset Deliverables, the compounds were not in the same order as on the Form 1s.• On the Data Validation Report for HoldingTimes Preservation, the holding time issue for the samples re-extracted at the medium level was not addressed.• On the Data Validation Report for ContinuingCalibrationVerification, the outlying %Ds for acenaphthene for opening CCV SSTD0.2PB and closing CCV SSTD0.2PC and for 4,6-dinitro-2-methylphenol for closing CCV SSTD0.2OQ were not addressed.• On the Data Validation Report for InternalStandard, the outlying responses for IS acnaphthalene-d10 for samples F6R05 and F6R06 and for phenabthrene-d10 for sample F6R05 were not addressed.• The Data Validation Report for DMC Surrogate stated percent recoveries were outlying for samples that were diluted.

Save to efile and make copy for CADRE Evaluation Deliverables if problems detected.

Save to efile only if no problems detected.